

# Converting Colors

Hex(37546D)

Have a look what the booklet for  
Hex(37546D) contains.

<b>Hex(37546D)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(37546D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	37546D
RGB	55, 84, 109
RGB Percent	22%, 33%, 43%
CMY	0.7843, 0.6706, 0.5725
CMYK	0.50, 0.23, 0.00, 0.57
HSL	208°, 33%, 32%
HSV	208°, 50%, 43%
XYZ	7.5062, 8.2570, 15.6661
YIQ	78.1790, -25.3090, 1.6270

# Conversions

## Conversions Part 2

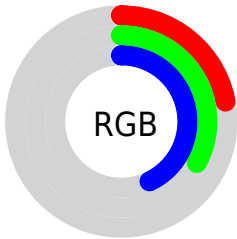
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 74, 109
Decimal	3626093
CIELab	34.51, -3.21, -17.71
CIELCh	35, 17.998, 259.732
Yxy	8.2570, 0.2388, 0.2627
Android (android.graphics.Color)	4281816173 (0xFF37546D)
YUV	78.1790, 15.1948, -20.3280
Hunter-Lab	28.7350, -3.6583, -12.2100

# Details

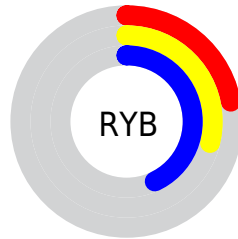
The Hex color **37546D** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **6D5037**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **6985A1**, and **02273D** is the 20% darker color. If you saturate the color by 10%, you get **2C4F6D**, and if you desaturate by 10%, it is **42596D**.

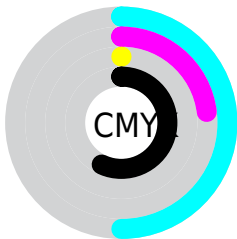
# Distribution



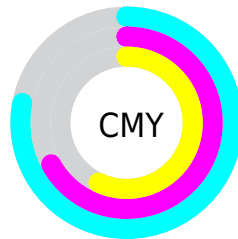
- Red (22%)
- Green (33%)
- Blue (43%)



- Red (22%)
- Yellow (29%)
- Blue (43%)



- Cyan (50%)
- Magenta (23%)
- Yellow (0%)
- Black (57%)



- Cyan (78%)
- Magenta (67%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 37546D changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 37546D by changing the saturation by 10% instead.



■ 37546D

■ 37546D

FFFFFF

■ 1E3D55

■ 6985A1

■ 02273D

■ 83A0BC

■ 001327

■ 9EBBD7

■ 000112

■ B9D6F4

■ 000000

■ D5F3FF

■ F2FFFF

■ 37546D

■ 37546D

■ 2C4F6D

■ 42596D

■ 214A6D

■ 4D5E6D

■ 16456D

■ 58636D

■ 0B406D

■ 63686D

■ 013B6D

■ 6E6D6D

■ 003B6D

■ 78726D

■ 83776D

■ 8E7C6D

■ 99816D

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



265767



37546D



4C4F6C

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



37546D



6E4748



41573E

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



37546D



6D5037

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



515336



37546D



6A4A3C

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



37546D



6A4757



604F35



31594C

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



37546D



594C67



604F35



47563B



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



37546D



79858F



376D4F



3B4147



C7C7C7



474747



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



37546D



3B688F



373A6D



303336



003F75



0083F5



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



6D3754



8F3B68



6D6A37



363033



75003F

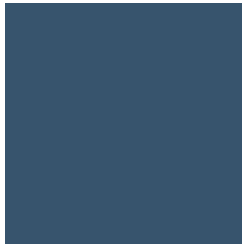


F50083



# Previews

## White Background



This preview shows how the Hex color 37546D looks on a white background.

## Color Contrast Check

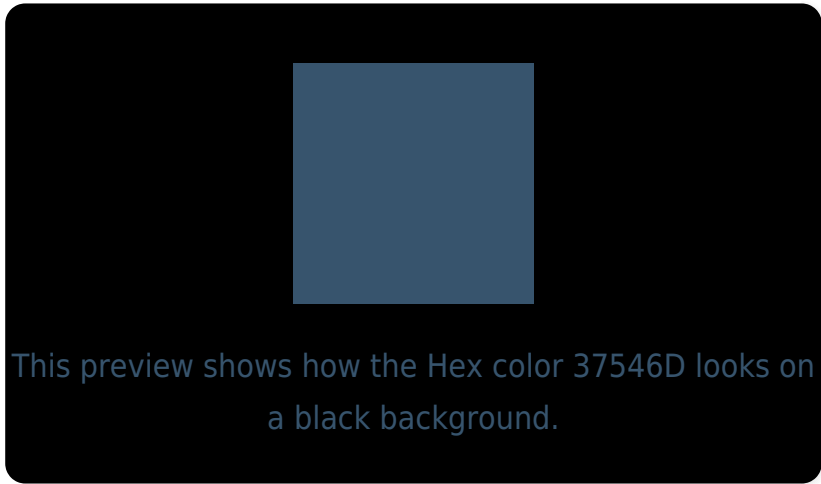
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

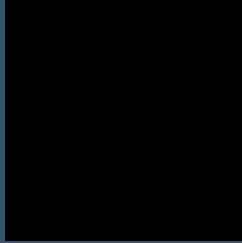
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

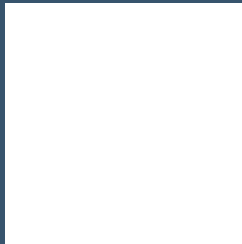
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 37546D Background



This preview shows how black text looks on a background with the Hex color 37546D.

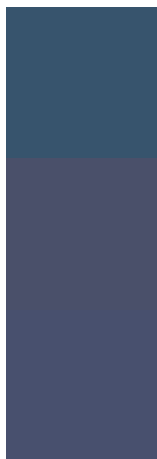


This preview shows how white text looks on a background with the Hex color 37546D.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



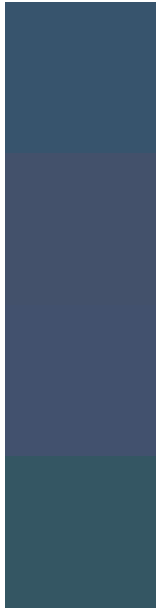
**Original Color**  
37546D

**Protanopia**  
4A506A

**Deuteranopia**  
48506E



# Trichromacy



**Original Color**  
37546D

**Protanomaly**  
43516B

**Deuteranomaly**  
42516E

**Tritanomaly**  
345663

# Monochromacy



**Original Color**  
37546D

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
465059

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 37546D is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #37546D looks like.

```
.text, #text, p{  
    color:#37546D  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #37546D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #37546D
}
```

## Border

The CSS property to change the border of an element to Hex 37546D is called "border". The border property can be set on classes, ids or directly on the HTML element.

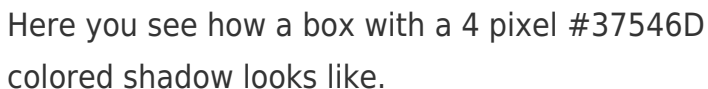
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#37546D }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#37546D }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #37546D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #37546D; -webkit-box-shadow:4px 4px  
4px 4px #37546D; box-shadow:4px 4px 4px  
4px #37546D }
```

# Background

The CSS property to change the background color of an element to Hex 37546D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#37546D }
```

If only the background color should be changed can be used:

```
.background{ background-color:#37546D }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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